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ABSTRACT OF THE DISCLOSURE

The present invention aims at enabling adaptive rate control, ARC, in a packet switched network, the ARC also being adapted to the requirements of a specific application. The arrangement for adaptive rate control of a connection between a sender and a receiver in a packet switched data network includes: A generic control elements for performing adaptive rate control according to a generic algorithm, the arrangement being characterized by at least one application specific control element, the applicationspecific control element being arranged to control the function of the generic control element in dependence of the characteristics of the application.